

# OVERALL MAINTENANCE RATING FLOW CHART

## Step 1: DWR Inspections

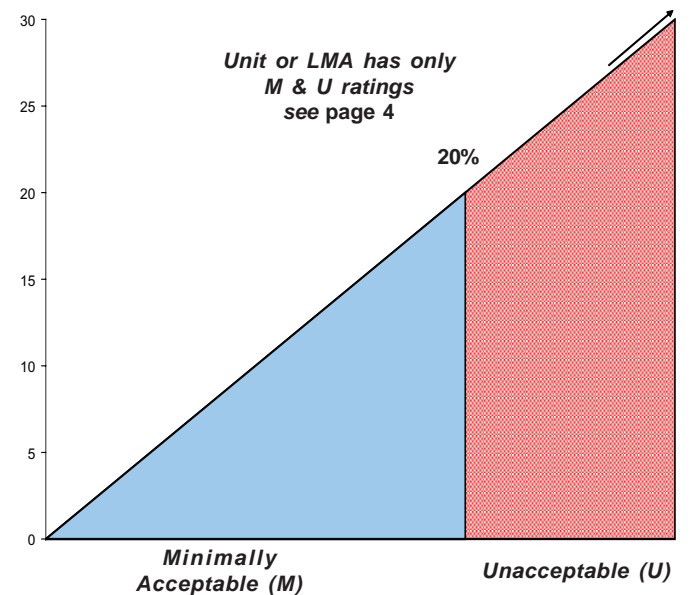
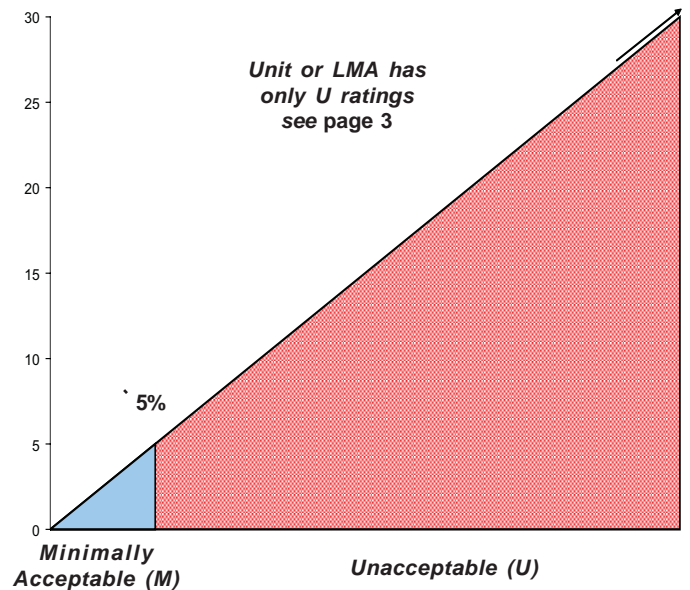
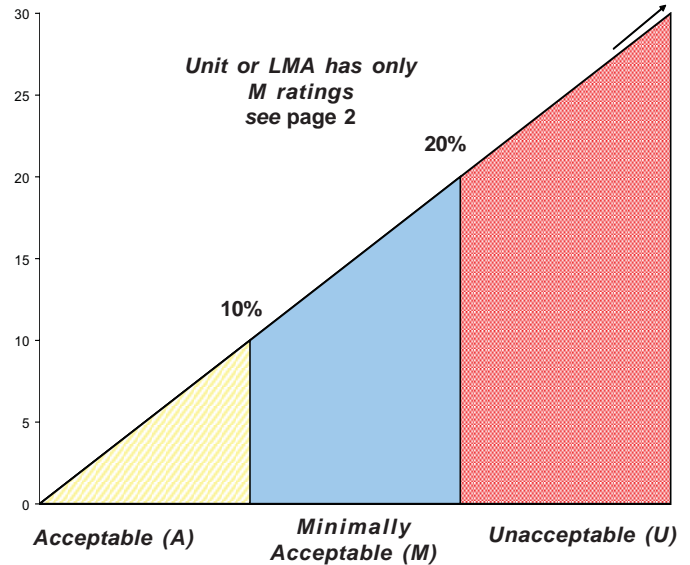
DWR inspectors document location and length of maintenance deficiencies (categories listed below).

Deficiencies are rated either as **Minimally Acceptable (M)** or **Unacceptable (U)**. Total mileages of each rating in each unit and LMA are calculated and divided by total unit and LMA length to determine percentages of M or U. Percentage thresholds are then applied to determine overall unit and LMA ratings as shown at right and on subsequent pages:

### Rated Deficiency Categories

- Vegetation
- Trim / Thin Trees
- Enchroachments
- Animal Control
- Slope Stability
- Erosion / Bank Caving
- Cracking
- Crown Surface/Depressions/Rutting
- Rip Rap Revetments
- Seepage / Sandboils
- Underseepage Relief Wells
- Repair Gates

## Step 2: Overall Levee Rating



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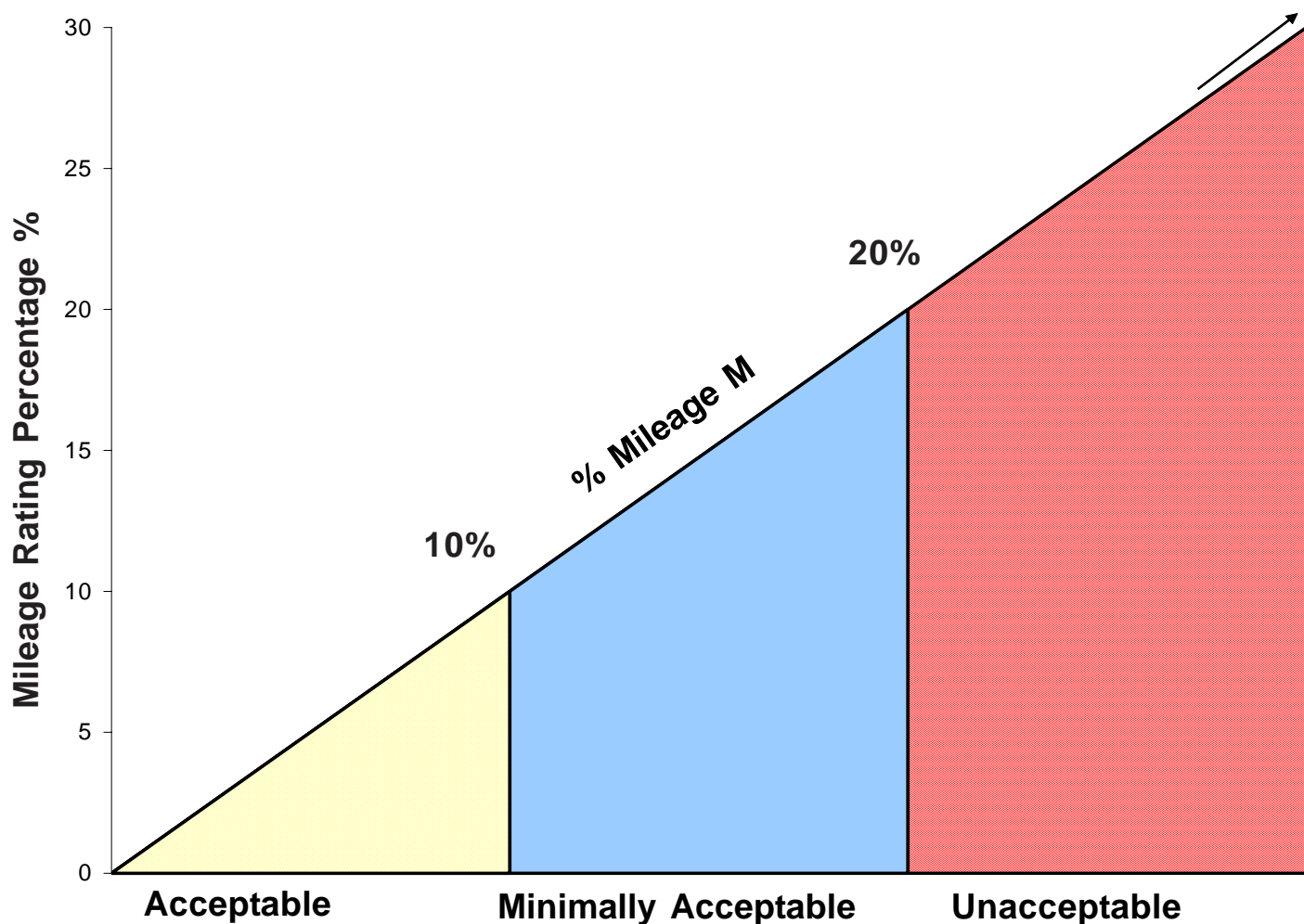
### Unit or LMA has only (M) Minimally Acceptable ratings:

The total length of all Minimally Acceptable entries in a unit is calculated and divided by the length of the unit to obtain a percentage of total unit miles rated as **M**, which we refer to as a *mileage rating percentage*. These total percentages are then compared to thresholds established by DWR to determine the unit's overall rating. This process is repeated for all LMA ratings. The calculations are as follows:

From 0.01% to 9.99% M rating results in rating of A.

From 10.00% to 19.99% rating of M results in rating of M.

$\geq 20.00\%$  rating of M results in rating of U.



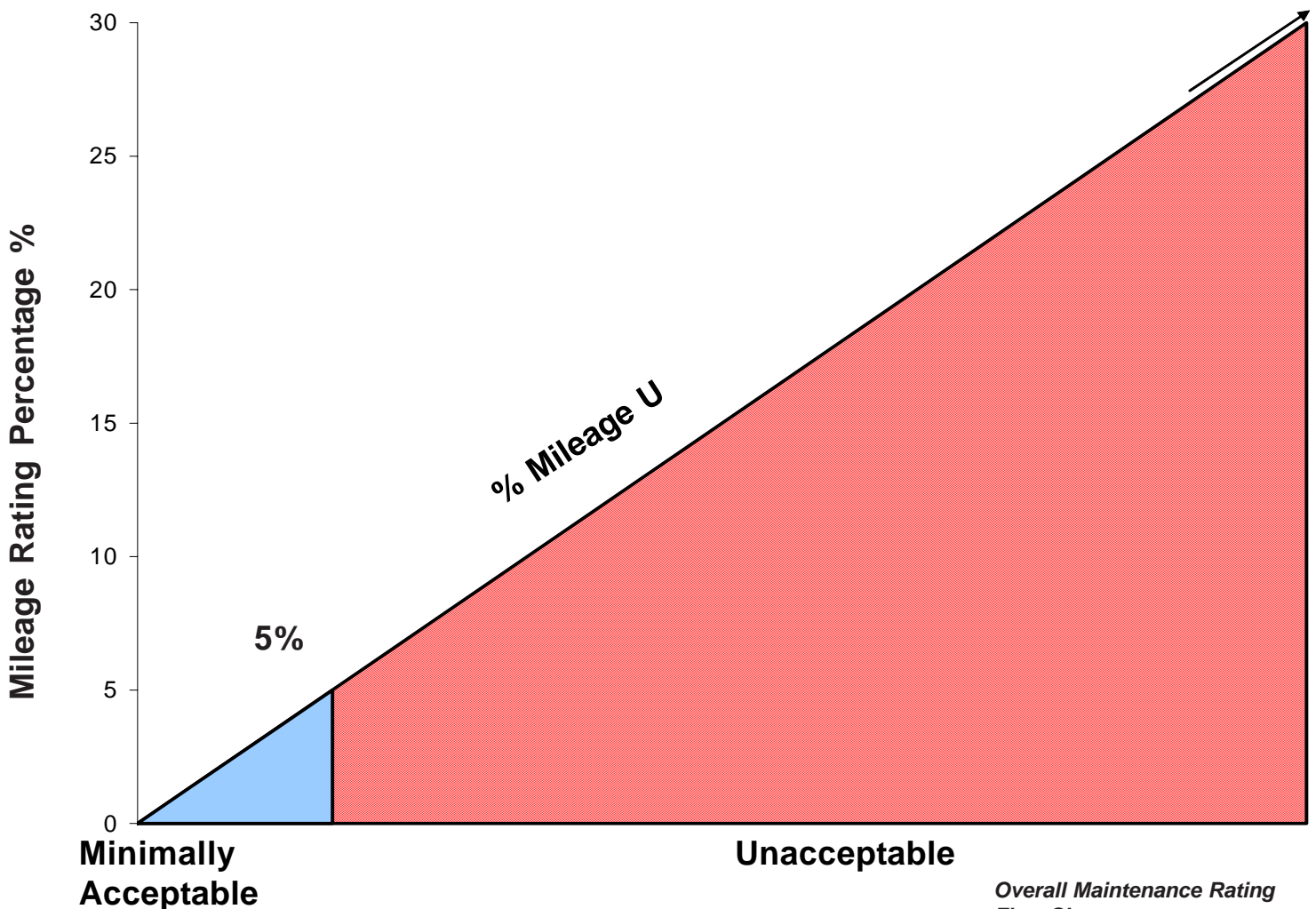
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### Unit or LMA has only (U) Unacceptable ratings:

The total length of all Unacceptable entries in a unit is calculated and divided by the length of the unit to obtain a percentage of total unit miles rated as **U**, which we refer to as a *mileage rating percentage*. These total percentages are then compared to thresholds established by DWR to determine the unit's overall rating. This process is repeated for all LMA ratings. The calculations are as follows:

From 0.01% to 4.99% U rating results in rating of M.

$\geq 5.00\%$  rating of U results in rating of U.



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### Unit or LMA has both (M + U) Minimally Acceptable & Unacceptable ratings:

The total length of all Minimally Acceptable and Unacceptable entries in a group is calculated and divided by the length of the unit to obtain a percentage of total unit miles rated as **M + 4U**, which we refer to as a *mileage rating percentage*. These total percentages are then compared to thresholds established by DWR to determine the unit's overall rating. This process is repeated for all LMA ratings. The calculations are as follows:

0.01% to 19.99% total of (M + 4U) results in rating of M.

≥ 20.00% rating of (M + 4U) results in rating of U.

